



**COVERWORLD**  
UK LIMITED

## COVERWORLD GALVANISED

# DATA SHEET

Properties	Hot dipped & metallic zinc coated	<ul style="list-style-type: none"><li>• Excellent corrosion resistance</li><li>• Very good forming properties</li><li>• Can be used indoors or outdoors</li><li>• Suitable for painting after treatment</li></ul>
Applications	<b>External uses : used widely in roofing, cladding and structural sections</b>	
Description	Material	Steel Grade DX51D + Z
	Coating	Steel Standard EN10346 (00-03-2009)
		Sides Two Sided
		Finish Minimized spangle
		Weight 200g/m <sup>2</sup>
Mechanical Properties	Thickness (0.5 – 0.7mm)	
	• Re (MPa)	-
	• Rm (MPa)	270 – 500
	• A80 (%)	≥ 20
	• MP Guarantees (months)	≤ 1
	• r90	-
	• n90	-
	Thickness (0.7 – 6.0mm)	
	• Re (MPa)	-
	• Rm (MPa)	270 – 500
	• A80 (%)	≥ 22
	• MP Guarantees (months)	≤ 1
	• r90	-
	• n90	-
Chemical Composition	C (%)	≤ 0.180
	Mn (%)	≤ 1.200
	P (%)	≤ 0.120
	S (%)	≤ 0.045
	Si (%)	≤ 0.500
	Al (%)	-
	Nb (%)	-
	Ti (%)	≤ 0.300

roofing and cladding technology

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